

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all previous listings of the claims.

1. (Original) An isolated antibody or portion thereof that specifically binds to a protein whose sequence consists of amino acid residues 25 to 123 of SEQ ID NO:200.
2. (Original) The isolated antibody or portion thereof of claim 1, wherein said protein specifically bound by said antibody or portion thereof is glycosylated.
3. (Currently amended) The isolated antibody or portion thereof of claim 1 ~~which~~wherein the antibody is a monoclonal antibody.
4. (Currently amended) The isolated antibody or portion thereof of claim 1 ~~which~~wherein the antibody is a polyclonal antibody.
5. (Currently amended) The isolated antibody or portion thereof of claim 1 ~~which~~wherein the antibody is a chimeric antibody.
6. (Currently amended) The isolated antibody or portion thereof of claim 1 ~~which~~wherein the antibody is a humanized antibody.
7. (Currently amended) The isolated antibody or portion thereof of claim 1 ~~which~~wherein the antibody is a human antibody.
8. (Currently amended) The isolated antibody or portion thereof of claim 1 ~~which~~wherein the antibody or portion thereof is a single chain antibody.

9. (Currently amended) The isolated antibody or portion thereof of claim 1 ~~which~~wherein the antibody or portion thereof is a Fab fragment.
10. (Currently amended) The isolated antibody or portion thereof of claim 1 ~~which~~wherein the antibody or portion thereof is labeled.
11. (Currently amended) The labeled isolated antibody or portion thereof of claim 10, wherein the label is selected from the group consisting of:
- (a) an enzyme label;
 - (b) a radioisotope label; and
 - (c) a fluorescent label.
12. (Original) An isolated cell that produces the isolated antibody of claim 1.
13. (Original) A hybridoma that produces the isolated antibody of claim 1.
14. (Original) A hybridoma that produces the isolated antibody of claim 3.
15. (Currently amended) An isolated antibody produced by immunizing an animal with a protein whose sequence ~~comprises~~consists of amino acid residues 25 to 123 of SEQ ID NO:200, wherein said antibody or portion thereof specifically binds to the protein of SEQ ID NO:200.
16. (Currently amended) The isolated antibody or portion thereof of claim 15, wherein said protein specifically bound by said antibody or portion thereof is glycosylated.
17. (Currently amended) The isolated antibody or portion thereof of claim 15 wherein the antibody is a monoclonal antibody.

18. (Currently amended) The isolated antibody or portion thereof of claim 15 wherein the antibody is a polyclonal antibody.
19. (Currently amended) The isolated antibody or portion thereof of claim 15 ~~which~~ wherein the antibody or portion thereof is labeled.
20. (Currently amended) The labeled isolated antibody or portion thereof of claim 19, wherein the label is selected from the group consisting of:
- (a) an enzyme label;
 - (b) a radioisotope label; and
 - (c) a fluorescent label.
21. (Original) An isolated cell that produces the isolated antibody of claim 15.
22. (Original) A hybridoma that produces the isolated antibody of claim 15.
23. (Original) A hybridoma that produces the isolated antibody of claim 17.
24. (Original) An isolated antibody or portion thereof that specifically binds to a protein whose sequence consists of amino acid residues 1 to 123 of SEQ ID NO:200.
25. (Original) The isolated antibody or portion thereof of claim 24, wherein said protein specifically bound by said antibody or portion thereof is glycosylated.
26. (Currently amended) The isolated antibody or portion thereof of claim 24 ~~which~~ wherein the antibody is a monoclonal antibody.
27. (Currently amended) The isolated antibody or portion thereof of claim 24 ~~which~~ wherein the antibody is a polyclonal antibody.

28. (Currently amended) The isolated antibody or portion thereof of claim 24 ~~which~~wherein the antibody is a chimeric antibody.
29. (Currently amended) The isolated antibody or portion thereof of claim 24 ~~which~~wherein the antibody is a humanized antibody.
30. (Currently amended) The isolated antibody or portion thereof of claim 24 ~~which~~wherein the antibody is a human antibody.
31. (Currently amended) The isolated antibody or portion thereof of claim 24 ~~which~~wherein the antibody or portion thereof is a single chain antibody.
32. (Currently amended) The isolated antibody or portion thereof of claim 24 ~~which~~wherein the antibody or portion thereof is a Fab fragment.
33. (Currently amended) The isolated antibody or portion thereof of claim 24 ~~which~~wherein the antibody or portion thereof is labeled.
34. (Currently amended) The labeled isolated antibody or portion thereof of claim 33, wherein the label is selected from the group consisting of:
- (a) an enzyme label;
 - (b) a radioisotope label; and
 - (c) a fluorescent label.
35. (Original) An isolated cell that produces the isolated antibody of claim 24.
36. (Original) A hybridoma that produces the isolated antibody of claim 24.

37. (Original) A hybridoma that produces the isolated antibody of claim 26.
38. (Currently amended) An isolated antibody or portion thereof that specifically binds to a protein whose sequence consists of the amino acid sequence of the secreted polypeptide encoded by the HRGDF73 cDNA contained in ATCC Deposit Number 97904.
39. (Original) The isolated antibody or portion thereof of claim 38, wherein said protein specifically bound by said antibody or portion thereof is glycosylated.
40. (Currently amended) The isolated antibody or portion thereof of claim 38 ~~which~~wherein the antibody is a monoclonal antibody.
41. (Currently amended) The isolated antibody or portion thereof of claim 38 ~~which~~wherein the antibody is a polyclonal antibody.
42. (Currently amended) The isolated antibody or portion thereof of claim 38 ~~which~~wherein the antibody is a chimeric antibody.
43. (Currently amended) The isolated antibody or portion thereof of claim 38 ~~which~~wherein the antibody is a humanized antibody.
44. (Currently amended) The isolated antibody or portion thereof of claim 38 ~~which~~wherein the antibody is a human antibody.
45. (Currently amended) The isolated antibody or portion thereof of claim 38 ~~which~~wherein the antibody or portion thereof is a single chain antibody.

46. (Currently amended) The isolated antibody or portion thereof of claim 38 ~~which~~wherein the antibody or portion thereof is a Fab fragment.
47. (Currently amended) The isolated antibody or portion thereof of claim 38 ~~which~~wherein the antibody or portion thereof is labeled.
48. (Currently amended) The labeled isolated antibody or portion thereof of claim 47, wherein the label is selected from the group consisting of:
- (a) an enzyme label;
 - (b) a radioisotope label; and
 - (c) a fluorescent label.
49. (Original) An isolated cell that produces the isolated antibody of claim 38.
50. (Original) A hybridoma that produces the isolated antibody of claim 38.
51. (Original) A hybridoma that produces the isolated antibody of claim 40.
52. (Currently amended) An isolated antibody produced by immunizing an animal with a protein whose sequence comprises the amino acid sequence of the secreted polypeptide encoded by the HRGDF73 cDNA contained in ATCC Deposit Number 97904, wherein said antibody or portion thereof specifically binds to the polypeptide encoded by the HRGDF73 cDNA contained in ATCC Deposit Number 97904.
53. (Currently amended) The isolated antibody or portion thereof of claim 52, wherein said protein specifically bound by said antibody or portion thereof is glycosylated.
54. (Currently amended) The isolated antibody or portion thereof of claim 52 ~~which~~wherein the antibody is a monoclonal antibody.

55. (Currently amended) The isolated antibody or portion thereof of claim 52 ~~which~~wherein the antibody is a polyclonal antibody.
56. (Currently amended) The isolated antibody or portion thereof of claim 52 ~~with~~wherein the antibody is labeled.
57. (Currently amended) The labeled isolated antibody or portion thereof of claim 56, wherein the label is selected from the group consisting of:
- (a) an enzyme label;
 - (b) a radioisotope; and
 - (c) a fluorescent label.
58. (Original) An isolated cell that produces the isolated antibody of claim 52.
59. (Original) A hybridoma that produces the isolated antibody of claim 52.
60. (Original) A hybridoma that produces the isolated antibody of claim 54.
61. (Currently amended) An isolated antibody or portion thereof that specifically binds to a protein whose sequence consists of the amino acid sequence of the full-length polypeptide encoded by the HRGDF73 cDNA contained in ATCC Deposit Number 97904.
62. (Original) The isolated antibody or portion thereof of claim 61 wherein said protein specifically bound by said antibody or portion thereof is glycosylated.
63. (Currently amended) The isolated antibody or portion thereof of claim 61 ~~which~~wherein the antibody is a monoclonal antibody.

64. (Currently amended) The isolated antibody or portion thereof of claim 61 ~~which~~wherein the antibody is a polyclonal antibody.
65. (Currently amended) The isolated antibody or portion thereof of claim 61 ~~which~~wherein the antibody is a chimeric antibody.
66. (Currently amended) The isolated antibody or portion thereof of claim 61 ~~which~~wherein the antibody is a humanized antibody.
67. (Currently amended) The isolated antibody or portion thereof of claim 61 ~~which~~wherein the antibody is a human antibody.
68. (Currently amended) The isolated antibody or portion thereof of claim 61 ~~which~~wherein the antibody or portion thereof is a single chain antibody.
69. (Currently amended) The isolated antibody or portion thereof of claim 61 ~~which~~wherein the antibody or portion thereof is a Fab fragment.
70. (Currently amended) The isolated antibody or portion thereof of claim 61 ~~which~~wherein the antibody or portion thereof is labeled.
71. (Currently amended) The labeled isolated antibody or portion thereof of claim 70, wherein the label is selected from the group consisting of:
- (a) an enzyme label;
 - (b) a radioisotope; and
 - (c) a fluorescent label.
72. (Original) An isolated cell that produces the isolated antibody of claim 61.

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- 73. (Original) A hybridoma that produces the isolated antibody of claim 61.
- 74. (Original) A hybridoma that produces the isolatead antibody of claim 63.